

Form PTO-1449  
(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
7162-65APPLICATION NO.  
10/635,629INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
BROWN, et al.FILING DATE  
8/6/2003

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	Cite No.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SS	45	10/369,436		Rawnick, et al.			2/18/2003
SS	46	10/387,208		Rawnick, et al.			3/11/2003
SS	47	10/330,755		Rawnick, et al.			12/27/2002
SS	50	10/330,754		Rawnick, et al.			12/27/2002
SS	52	10/300,456		Rawnick, et al.			11/19/2002
SS	53	10/361,548		Rawnick, et al.			2/10/2003
SS	54	10/387,209		Rawnick, et al.			3/11/2003
SS	56	10/439,094		Rawnick, et al.			5/15/2003
SS	59	10/387,194		Brown, et al.			3/11/2003
SS	60	10/438,435		Brown, et al.			5/15/2003
SS	61	10/414,696		Brown, et al.			4/16/2003
SS	62	10/637,027		Brown, et al.			8/7/03
SS	63	10/414,650		Brown, et al.			4/16/2003
SS	66	10/459,067		Brown, et al.			6/11/2003
SS	67	10/438,436		Rawnick, et al.			5/15/2003
SS	68	10/626,090		Brown, et al.			7/24/2003
SS	69	10/635,582		Rawnick, et al.			8/6/03

FOREIGN  
PATENT  
DOCUMENTS

DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
				YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
Steph E. J.	12-8-04

\* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

Form PTO-1449  
(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
7162-65APPLICATION NO.  
10/635,629INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
BROWN, et al.FILING DATE  
8/6/2003

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	Cite No.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SS	71	10/632,632		Rawnick, et al.			8/1/03
SS	74	10/614,149		Brown, et al.			7/7/2003
SS	75	10/634,219		Rawnick, et al.			8/5/03
SS	84	10/458,859		Rawnick, et al.			6/11/2003
SS	87	10/624,378		Brown, et al.			7/22/2003
SS	88	10/438,433		Rawnick, et al.			5/15/2003
SS	89	10/460,947		Rawnick, et al.			6/13/2003
SS	90	10/421,352		Rawnick, et al.			4/23/2003
SS	101	10/409,261		Pike			4/8/2003
SS	102	10/441,743		Pike			5/19/2003
SS	103	10/628,846		Pike, et al.			7/28/03
SS	106	10/448,973		Delgado, et al.			5/30/2003
SS	48	10/300,455		Brown, et al.			11/19/2002

FOREIGN PATENT  
DOCUMENTS

			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Steph E. [Signature]	DATE CONSIDERED	12-8-04
----------	----------------------	-----------------	---------

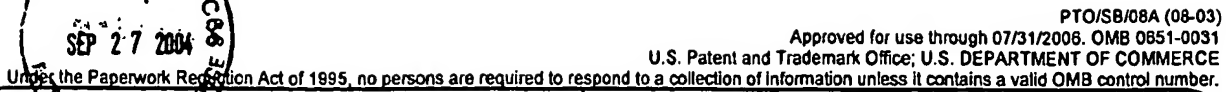
\* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS 8/6/03

Sheet 1 of 1

Form PTO-1449 (Rev. 2-88)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 7162-65		APPLICATION NO. 10/635629	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)				APPLICANT RAWNICK, et al.			
				FILING DATE 8/6/03		GROUP 2817	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
SS				Karl M. Strohm, Franz Josef Schumucke, Bernd Schauwecker, Johann-Friedrich Luy, Wolfgang Heinrich, "Silicon Micromachined RF MEMS Resonators". 2002 IEEE MTT-S CDRM; pp. 1209-1212			
				<del>Zhitao Yang, Kui Zhao, Genfa Wu, Lifang Wang, Jiankui Hao, Baocheng Zhang, Jiaer Chen, IHIP, Peking University, Beijing, China. "Research on Microwave Property of High T<sub>c</sub> Superconductor"</del>			
SS				Integrated Publishing website. "Cavity Resonators", "Cavity Resonators" 11/25/02 << http://www.tpub.com/neets/book11/44m.htm >>			
SS				C.J. Reddy, M.D. Deshpande, D.T. Fralick, "Analysis of Elliptically Polarized Cavity Backed Antennas Using a Combined FEM/MoM/GTD Technique", National Aeronautics and Space Administration Contractor Report 198197, August, 1995			
SS				K.W. Leung, K.Y. Chow, "Theory and Experiment of the Hemispherical Cavity-Backed Slot Antenna", IEEE Transactions on Antennas and Propagation, VO. 46, No. 8, August 1998			
				<del>Derun Li, Robert Rimmer, Shakti Kusta, "Calculations of External Coupling to a Single Cell RF Cavity" LBNL, Berkeley, CA. pp 977-979</del> No Date - Can't consider			
SS				Kut Yuen Chow, Kwok Wa Leung, "Theory and Experiment of the Cavity-Backed Slot-Excited Dielectric Resonator Antenna", IEEE Transactions on Electromagnetic Compatibility, VO. 42, No. 3, August, 2000			
EXAMINER		Steph E. Jones		DATE CONSIDERED 12/8/04			
* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

No Date  
can't consider



**Complete if Known**

**(Use as many sheets as necessary)**

of 1

Application Number	10/635629
Filing Date	8/6/2003
First Named Inventor	BROWN
Art Unit	2817
Examiner Name	
Attorney Docket Number	7162-0065

[illegible][illegible]Date  
Considered

12/8/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**